



[REDACTED]

June 6, 2012

Dear [REDACTED]:

SUBJECT: Analysis Results for [REDACTED] Humboldt Township, Marquette County, Michigan

The United States Environmental Protection Agency (EPA) collected samples from your private water supply on March 22, 2012. Enclosed are tabulations of the sample analysis results. The EPA sampled the water supply to assess if past activities at the nearby Humboldt Mine and Mill site had affected groundwater and individual water supplies in the area.

The concentrations of inorganic substances and metals detected in the water supply samples were below established federal and state drinking water standards and health concern levels, and were similar to groundwater quality generally found in Central Marquette County. Organic chemicals were not found in your water supply samples above analytical method detection limits.

It is noteworthy that nitrate was detected in the water supply at a concentration of 8.2 milligrams per liter (mg/l). While this concentration is below the established health concern level of 10 mg/l, it is near enough to warrant monitoring. While nitrates in drinking water are not generally a concern for healthy adults, concentrations above the health standard may be harmful to infant children. We recommend you consult with your local health department about potential health issues and options to monitor your water supply for nitrate content.

The EPA and the Michigan Department of Environmental Quality (DEQ) appreciate your cooperation in these investigations. If you have questions about the sampling efforts, please contact Nuria Muñiz at 312-886-4439. If you have questions about the analysis results, please contact Chuck Thomas, DEQ by phone at 906-346-8534 or email at thomasc3@michigan.gov.

EPA will be in Humboldt Township on June 19, 2012 to present general results about well-water sampling to the public at a community meeting. No site-specific results will be identified by homeowner address during the presentation.

You also may make an appointment to discuss your results in person during our visit in Humboldt Township. Please contact Community Involvement Coordinator Don de Blasio, 312-343-6666, or by e-mail at deblasio.don@epa.gov.

June 6, 2012

Sincerely,

Nuria Muñiz
U.S. Environmental Protection Agency
Superfund Division
Region 5, Chicago IL.

Charles H. Thomas, P.G.
Michigan Dept. of Environmental Quality
Resource Management Division
Upper Peninsula District Office

Enclosure

cc: Ms. Dana DeBruyn, DEQ
Mr. Steve Harrington, DEQ
Mr. Patrick L. Jacuzzo, Marquette County Health Dept.
Mr. Don Deblasio, EPA
Mr. Mark Johnson, ATSDR